



Gennesis Claro, BS, PSMFS  
Department of Justice  
Drug Enforcement Administration  
Office of Forensic Science

Forensic Chemist  
South Central Laboratory  
Dallas, TX

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## AREA OF EXPERTISE

### Forensic Discipline

Seized Drugs

### Expert Testimony

- Western District of Texas, 2022, U.S.A vs. Johnny Lee Sisco - EP 21 CR 1276 KC
- Western District of Texas, 2022, U.S.A vs. Rivas Camacho, MO: 21-CR-247-02

## PROFESSIONAL EXPERIENCE

### DRUG ENFORCEMENT ADMINISTRATION

*Forensic Chemist , South Central Laboratory, Dallas, Texas, 2020 - Present*

- Conduct tests to identify the presence or absence of a controlled substance in a laboratory setting
- Assist law enforcement in clandestine laboratory seizures and trace evidence collection
- Perform court testimony on the various findings

#### *Training*

DEA Academy for Forensic Chemists (Quantico, VA), 2020

### DRUG ENFORCEMENT ADMINISTRATION

*Physical Science Technician, South Central Laboratory, Dallas, Texas, 2019 - 2020*

- Performed qualitative and quantitative analysis on standard solutions for chemists to complete evidentiary lot drug analysis
- Assisted on method validations for specific drug identification on analytical instrumentation to include gas chromatography using flame ionization detection (GC-FID), mass selective detector (GC-MSD), gas chromatography infrared detection (GC- IRD) and high-performance (HPLC) and ultra-high-performance (UPLC) liquid chromatography
- Conducted routine monthly checks and calibrations on modern analytical techniques and instrumentation including making minor repairs on instruments including analytical balances, hydrogen generators, nitrogen generators, and water purification systems
- Developed advanced knowledge in theory and use of laboratory instruments to interpret data generated
- Performed reverifications of color test reagents, reference materials and quality control solutions to test validity of controlled substance
- Pioneered Quality Assurance team to ensure overall standardization of chromatographic techniques, explain technical ideas, resolve issues, and maintain laboratory best practices and efficiency
- Created technical laboratory reports of analytical data generated from instrumentation for quality purposes
- Participated in expert witness testimony training and moot court to practice presenting technical testimony in layman's terms to federal and state courts
- Served as point of contact for chemists in order to explain and summarize requests on analytical instrumental matters

### *Training*

DEA South Central Laboratory - New Analytical Scheme for the Analysis of Cannabis - Dallas, TX, 2019

DEA South Central Laboratory - Physical Science Technician In-House Training - Dallas, TX, 2019

DEA South Central Laboratory - How to Combat the Helium Shortage: Making the Switch from Helium to Hydrogen or Nitrogen Carrier Gas - Dallas, TX, 2019

### **Albemarle Corporation**

*Quality Control Laboratory Technician, North Carolina - Laboratory, Kings Mountain, North Carolina, 2018 - 2019*

- Inspected lithium hydroxide liquor samples, finished products, and lithium brines for purity and/or contaminants to determine if the products meet specific standards in accordance to their respective companies' needs
- Conducted various routine chemical analysis on lithium samples including steam distillation, inductively coupled plasma - mass spectrometry (ICP-MS) analysis, purification, titrations and qualitative colorimetric testing
- Performed daily maintenance and calibrations on analytical instrumentation and devices
- Reported imperfections of samples, compiled data in laboratory reports and interpreted analytical data for further inspection

### *Training*

Albemarle Corporation Laboratory, Quality Control Technician In - House Training, Kings Mountain, NC, 2018

### **DRUG ENFORCEMENT ADMINISTRATION**

*Research Intern, Special Testing and Research Laboratory, Dulles, Virginia, 2017 - 2017*

- Formulated graduate research project for quantitation and qualitative chemical analysis of fentanyl and fentanyl related compounds for intelligence purposes
- Improved analytical chemistry techniques on modern scientific instrumentation: GC-MS, LC-MS, NMR, FTIR, isotope ratio mass-spectrometry (IR-MS)
- Performed analysis and discovered unknown controlled substances using standardized methods

## **EDUCATION**

Florida International University, Miami, FL

Professional Science Masters of Forensic Science, 2017

University of North Carolina - Wilmington, Wilmington, NC

Bachelor's of Science - Chemistry, 2015

## **PRESENTATIONS AND LECTURES**

Attendee - DEA Academy - Office of Training, Forensic Sciences Seminar - Adminstrating Laboratory Quality Group Activities, Quantico, VA, 2020

## **PUBLICATIONS**

Casale, F. John, Mallette R. Jennifer, Claro, Gennesis, Hays A. Patrick. Synthesis and Characterization of Benzoylfentanyl and Benzoylbenzylfentanyl. Microgram Journal 2018; 15(1-4):1-8.

[www.dea.gov](http://www.dea.gov)

March 10, 2023

TO: Jennifer Clark  
Assistant United States Attorney

FROM: Gennesis Claro  
Forensic Chemist

SUBJECT: RULE 16(a)(1)(G) SUMMARY OF TESTIMONY IN UNITED STATES v.  
Justin Jose Romo, ET. AL.

Reference Laboratory Report(s) and Analyst Notes for DEA LIMS Case Number(s):  
2022-SFL7-04532

The following summary of testimony is provided as required by Federal Rule of Criminal Procedure 16(a)(1)(G) and is a complete statement of my opinions, which are exclusive to and address only the exhibit(s) identified in this summary:

1. My name is: Gennesis Claro
2. I am employed by the U.S. Department of Justice, Drug Enforcement Administration (DEA), in the capacity of forensic chemist, and was so employed when I conducted the examinations and analyses described in the attached laboratory report(s) and analyst notes. My qualifications to conduct the examinations and analyses, and to express an opinion as to the identity of the material contained in the exhibit(s) described in the attached laboratory report(s), are based on my knowledge, skill, experience, training, and education. See my attached Curriculum Vitae for additional information regarding my qualifications, including previous testimony offered in the last four years and any publications authored in the last ten years.
3. The opinions described in the attached laboratory report(s) and analyst notes are based on chemical, physical, and instrumental analyses, the results generated by those analyses, and my interpretation of those results set forth in the attached laboratory report(s) and analyst notes. The manner and process by which I performed the analyses were, to the best of my knowledge, in accordance with the publicly available Analysis of Drugs Manual (ADM) and Laboratory Operations Manual (LOM), in effect at the time of analysis. These are generally available at:

[https://www.dea.gov/resources/documents?f%5B0%5D=publication\\_type%3A2596](https://www.dea.gov/resources/documents?f%5B0%5D=publication_type%3A2596), or were otherwise disclosed upon request.

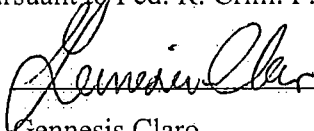
SUBJECT: RULE 16(a)(1)(G) SUMMARY OF TESTIMONY IN UNITED STATES v.  
Justin Jose Romo, ET. AL.

DEA LIMS Case Number(s): 2022-SFL7-04532

4. I analyzed the material contained in the exhibit(s) which were submitted for analysis in the above referenced case number(s). My conclusions are included as part of the attached forensic laboratory report(s) and analysts notes.
5. The analytical methods used in the analyses are validated and verified according to our assurance policy to ensure the methods are reliable and fit-for-purpose and the techniques utilized are widely accepted and employed in the scientific and forensic community. Summaries of instrumental methods are available at:

[https://www.dea.gov/resources/documents?f%5B0%5D=publication\\_type%3A2596](https://www.dea.gov/resources/documents?f%5B0%5D=publication_type%3A2596)

Pursuant to Fed. R. Crim. P. 16(a)(1)(G)(v), I approve the foregoing disclosure.



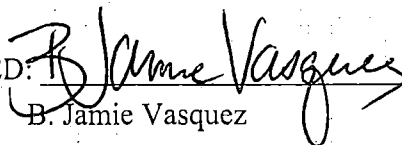
Genesis Claro

Forensic Chemist

March 10, 2023

Date

APPROVED:



B. Jamie Vasquez

Associate Laboratory Director

Attachments



U.S. Department of Justice  
Drug Enforcement Administration

Western Laboratory  
Pleasanton, CA

### Chemical Analysis Report

HSI - Kalispell  
2 Main Street, Suite 206  
Kalispell, MT 59901

Case Number: 2022332400005801  
LIMS Number: 2022-SFL7-04532

### Observations, Results and Conclusions:

Exhibit	Substance(s) Identified	Net Weight	Substance Purity	Amount Pure Substance
3	Methamphetamine Hydrochloride	29.45 g $\pm$ 0.01 g	98% $\pm$ 6%	28.86 g $\pm$ 1.78 g

#### Remarks:

The net weight was determined by direct weighing of all unit(s). The net weight uncertainty value represents an expanded uncertainty estimate at the 95% level of confidence.

Purity determined from testing the composite; the purity and amount pure substance values are representative of the entire exhibit. All uncertainty values represent expanded uncertainty estimates at the 95% level of confidence.

Supplemental report to reflect analysis. Refer to original laboratory report dated 09/26/2022.

All analyses were completed at the South Central Laboratory, Dallas, TX.

### Exhibit Details:

Date Accepted by Laboratory: 09/07/2022 Gross Weight: 44.3 g Date Received by Examiner: 09/30/2022

Exhibit	No. Units	Pkg. (Inner)	Form	Reserve Wt.
3	1	Ziplock Plastic Bag	Crystalline	29.04 g

#### Remarks:

### Exhibit Analysis:

#### Sampling:

A composite was formed from 1 unit for testing of 1 unit received. Methamphetamine identified in the composite. Salt form determined from testing the composite.

Exhibit	Summary of Test(s)
3	Gas Chromatography/Mass Spectrometry, Infrared Spectroscopy

Exhibit	Purity Test(s)
3	DEA 503/UV-Vis Spectroscopy

The terminology used in the preparation of this report is consistent with the current Department of Justice Uniform Language for Testimony and Reports for General Forensic Chemistry and Seized Drug Examinations.

Analyzed By: /S/ Gennesis Claro, Forensic Chemist  
Approved By: /S/ Darrell W. Eubank, Senior Forensic Chemist

Date: 10/06/2022  
Date: 10/07/2022

## Case Details Report

» I.A. Case #: 2022332400005801 / LIMS Case #: 2022-SFL7-04532

Investigating Agency: HSI - Kalispell

# of I.A. Exhibits: 1

# of Lab Exhibits: 1

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
3	3	ZPB with a white crystalline substance	SSEE (2162350)

Summary of Findings Analyst: GCLARO (2022.10.06)

Findings					
Exhibit	Gross Wt	Net Wt (Reported)	Net Wt	Reserve Wt	Retained Wt
3	44.3 g	29.45 g ± 0.01 g	29.453 g ± 0.01096 g	29.04 g	
Constituent	Purity	APD (Reported)	APD		
Methamphetamine Hydrochloride	98% ± 6%	28.86 g ± 1.78 g	28.861 g ± 1.77526 g		

Gross Weight Analyst: GCLARO (2022.09.30)

Equipment : DEA 361257

Gross Weight (Reported)	43.5 g
Gross Weight (Actual)	44.3 g
Gross Weight (delta)	0.8 g
Gross Weight (delta %)	1.81 %
Weight Discrepancy	No
Remarks	No Remarks

Description of Evidence Analyst: GCLARO (2022.10.06)

Seals	Intact
Date Opened	2022-10-04
Description	1 SSEE containing 1 clear ZPB with a white crystalline material.
Consistent With Paperwork?	Yes
Remarks	No Remarks

Description of Exhibit and Sampling Analyst: GCLARO (2022.10.06)

Number of Packages	1 unit
Number of Units	1 unit
Package Type	Ziplock Plastic Bag
Logo/Impression	No
Gross Form	Crystalline
Dry/Moist	Dry
Exemplar	No
Number of Units Tested	1 unit
Sampling Procedure	Using Option 1, a composite was formed from 1 unit out of 1 unit received by grinding, sieving through 20 mesh and mixing thoroughly. The composite was tested using GC-MS and FTIR. Additional portions used for quantitation.
Deviation from Sampling Plan	No
Remarks	No Remarks

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
3	3	ZPB with a white crystalline substance	SSEE (2162350)

<b>Net Weight</b>		Analyst: GCLARO (2022.10.06)
<b>Equipment : DEA 361274</b>		
Residue	No	
Type of Weighing	Direct Weighing	
Net Weight	29.45 g	
Net Weight Uncertainty	0.01 g	
Remarks	Using the original packaging, the net weight was determined using the Direct Full to Empty method.	
Use Legacy Calculator	No	

<b>GC-MS Analysis : Run # 1 - Set # 1 Blank</b>		Analyst: GCLARO (2022.10.06)
<b>Equipment : DEA 361472</b>		
Negative Control Run	Yes	
Negative Control Type	Instrumental/Solvent	
Negative Control Result	Pass	
Solvent	Blank base extracted using NaOH into CHCl3	
Remarks	No Remarks	

<b>GC-MS Analysis : Run # 1 - Set # 2 Composite</b>		Analyst: GCLARO (2022.10.06)
<b>Equipment : DEA 361472</b>		
Negative Control Run	No	
Sample Weighed	No	
Solvent	Sample base extracted using NaOH into CHCl3	
Retention Time Matching	No	
Remarks	No Remarks	

Spectral Result	
Constituent	Comments
Methamphetamine Hydrochloride, Isomer	---
Undetermined	

<b>FTIR Analysis : Run # 1 - Set # 1 Blank</b>		Analyst: GCLARO (2022.10.06)
<b>Equipment : DEA 361424</b>		
Negative Control Run	Yes	
Background	Pass	
Negative Control Type	Instrumental	
Negative Control Result	Pass	
Remarks	No Remarks	

<b>FTIR Analysis : Run # 1 - Set # 2 Composite</b>		Analyst: GCLARO (2022.10.06)
<b>Equipment : DEA 361424</b>		
Negative Control Run	No	
Sample Prep	Direct	
Remarks	No Remarks	

Spectral Result	
Constituent	Comments
Methamphetamine Hydrochloride, Isomer	---
Undetermined	

Exhibit #	Lab Ex #	Lab Exhibit Description	Container
3	3	ZPB with a white crystalline substance	SSEE (2162350)

**Quantitation : Run # 1 - Set # 1 Blank** Analyst: GCLARO (2022.10.06)  
**Equipment : DEA 1003287-6SFL7, DEA 361235**

Type	Blank
Method	DEA 503/UV-Vis Spectroscopy
Remarks	No Remarks
QC Low Result	N/A
QC High Result	N/A

**Quantitation : Run # 1 - Set # 2 Composite** Analyst: GCLARO (2022.10.06)  
**Equipment : DEA 1003287-6SFL7, DEA 361235**

Type	Sample
Method	DEA 503/UV-Vis Spectroscopy
Dilution Technique	Volumetric
Sample Prep - Sample Weight (LabX)	133.1 mg
Sample Amount (Instrument)	133.1 mg
Sample Prep - Initial Volume	50 mL
Sample Prep - Volume Transferred	1 mL
Sample Prep - Final Volume	1 mL
Sample Prep - Dilution Factor	50 mL
Dilution Factor	50 mL
Remarks	No Remarks

Quantitation					
Constituent	RT	Area	Height	Width	Purity
Methamphetamine, Isomer & Salt Undetermined		0.0000	0.0000	0.000	98.350
QC Low Result	100.73				
QC High Result	101.59				

**Reserve Weight** Analyst: GCLARO (2022.10.06)  
**Equipment : DEA 361274**

Residue?	No
Type of Calculation	No Calculation
Reserve Weight	29.04 g
Remarks	Reserve weight was determined using the original packaging utilizing the Reserve Net F With Previous Weighing method.

**Description of Reserve Evidence** Analyst: GCLARO (2022.10.06)

Description	Composited white powdery material within 1 original ZPB which was heat sealed.
	1 ZPB within 1 original SSEE which was heat sealed and signed.
Date Sealed	2022-10-06
Remarks	No Remarks

**Gross Weight After Analysis** Analyst: GCLARO (2022.10.06)  
**Equipment : DEA 361257**

Gross Weight After Analysis	44.3 g
Remarks	No Remarks